UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	SCK7146.0198 [SLA 1085.1]
First Inventor	Sun, et al.
Title	ADAPTIVE FILTERING BSED UPON BOUNDARY STRENGTH
Express Mail Label No.	EL915418138US

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2. Appli	(Submit an original and a duplicate for fee processing) 2. ☐ Applicant claims small entity status. See 37 CFR 1.27.			8. 🔲 (7799.	
3. Spec				ages <u>37</u>]				ble Form (CRF	=)		16834
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- Cro	ss Referen	ce to Related A	pplication					CD-R (2 copie	es); or		
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		f the Invention / of the Inventio	n			ACCO	MPANYI	NG APPLICAT	ION PARTS		
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		ecuted (original			13. 🗆	Preliminary A	•				
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			14. 🛭	14. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
		ETION OF INV ed statement a		5) eleting inventor(s	3) 15. 🗆	15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)					
name in the prior application, see 37 CFR			16. □		-	•	S.C. 122		l		
1.63(d)(2) and 1.33(b). 16. ☐ Application Data Sheet. See 37 CFR 1.76 16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.											
	17. Other:					.					
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specification	n following	the title, or in a	, спеск а n Applica	ppropriate box, a tion Data Sheet	ına suppiy tri under 37 CF	e requisite into R 1.76:	rmation b	elow and in the	e first sentend	e of the	4
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under Box 5	5b, is consid	dered a part of t	the disclo	; The entire disci sure of the accor	npanying cor	itinuation or di	ivisional a	pplication and	is hereby inco	orporated	d by
reference. 1	The incorpo	ration <u>can only</u>	be relied	upon when a por	tion has bee	n inadvertently	y omitted t	from the subm	itted applicat	ion parts.	
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Name	Chernoff,	Vilhauer, McClu	ing & Ster	zel, LLP		· · · · · · · · · · · · · · · · · · ·					
Address	1600 ODS	Tower									
	601 S.W.	Second Avenue									
City	Portland			·	<u> </u>	State	Oregon		Zip Code	97204	
Country	USA		:	Telephone	(503) 227-56	31	Fax	(503) 228-437	73	_	
Name (Prin	t/Type)	Scott C. Kriege	· /		Re	gistration No. ('Attomey/A	Agent) 42,76	8		
Signature			#6	////	-2			Date	Moreh 11	2004	
Jigilatare		$\frac{\lambda V}{}$	A E	# 6	, / _			Date	March 11,2	2004	لـــــــ

ADVLegal 0651-0032

•	Complete if Known				
FEE TRANSMITTAL	Application Number				
For FY 2004	Filing Date	concurrently herewith Sun, et al			
Effective 10/01/2003. Patent fees are subject to annual revision.	First Named Inventor				
	Examiner Name	N/A			
☐ Applicant claims small entity status. See 37 CFR 1.27	Art Unit	N/A			
TOTAL AMOUNT OF PAYMENT (\$)3,588	Attorney Docket Number	7146.0198			

SADDITIONAL FEES Sand Entity Small Entity S	METHOD OF PAYMENT (check all that apply)	FEE	FEE CALCULATION (Continued)				
Deposit Account Number: D3-1550 Deposit Account Number: D4-1550							
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The Director is authorized to: (check all that apply) 1052 50 2052 25 2052 25 2052 25 2052 2	•						3 Paid
Charge fee(s) indicated below	-	1052				Surcharge – late provisional filing fee or cover	
Charge any additional fee(s) or any underpayment of fee(s) State Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.							
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Tell Above-identified deposit account.	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '						
1. BASIC FILING FEE			920*	1804	920*		
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Code (\$) Code (\$) Fee Description Fee Paid 1254 1,480 2254 740 Extension for reply within fourth month 1001 770 2001 385 Utility filing fee 770 1255 2,010 2255 1,005 Extension for reply within fifth month 1002 340 2002 170 Design filing fee 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 Petition to revive – unavoidable 1451 1,510 Petition to revive – unavoidable 1451 1,510 1451 1,510 Petition to revive – unavoidable 1501 1,330 2501 665 Petition to reviv	Large Entity Small Entity	1252	420	2252	210	Extension for reply within second month	
1001 770	Fee Fee Fee	1253	950	2253	475	Extension for reply within third month	
1002 340 2002 170 Design filing fee	Code (\$) Code (\$) Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 1004 770 2004 385 Reissue filing Fee 1403 290 2403 145 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding SUBTOTAL (1) (5) 770 1452 110 2542 55 Petition to revive — unavoidable Extra Fee from Claims Below Fee Paid 1501 1,330 2453 665 Petition to revive — unavoidable Extra Fee from Claims Below Fee Paid 1501 1,330 2453 665 Petition to revive — unavoidable Extra Fee from Claims Below Fee Paid 1502 480 2502 240 Design issue fee Utility issue fee (or reissue) Extra Fee from Claims Below Fee Paid 1502 480 2502 240 Design issue fee Independent Claims 32 - 3** = 29 X 86/93 = 2494 1460 130 1460 130 Petitions to the Commissioner Independent Claims 290/145 = 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) Independent Claims 1806 180 1806 180 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) Independent Claims in excess of 20 Independent Claims in exce	1001 770 2001 385 Utility filing fee 770	1255	2,010	2255	1,005	Extension for reply within fifth month	
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1005 160 2005 80 Provisional filling fee SUBTOTAL (1) (5) 770 1452 110 2542 55 Petition to institute a public use proceeding	1004 770 2004 385 Reissue filing Fee	1403	290	2403	145		
SUBTOTAL (1) (5) 770 1452 110 2542 55 Petition to revive — unavoidable	1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510		
Extra Fee from Claims Below Fee Paid 1501 1,330 2501 665 Utility issue fee (or reissue)	SUBTOTAL (1) (\$) 770	1452	110	2542	55		
Extra Fee from Claims Below Fee Paid 1501 1,330 2501 665 Utility issue fee (or reissue)	2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive – unintentional	
Total Claims 38 -20** = 18 X 18/9 = 324 1503 640 2503 320 Plant issue fee	Extra Fee from	1501	1,330	2501	665		
Independent Claims 32 -3** = 29 X 86/93 = 2494 1460 130 1460 130 Petitions to the Commissioner Multiple Dependent 290/145 = 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1802 1 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1808 2201 43 Independent claims in excess of 3 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1809 86 2204 43 "Reissue independent claims over original patent "Reissue claims in excess of 20 and over original patent. 1809 870 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application 1803 900 1802 900 Request for expedited examination of a design application 1803 901 1802 900 Request For expedited examination of a design application 1803 901 1802 900 Request For expedited examination of a design application 1804 901 1805 901 1802 900 Request For expedited examination of a design application 1805 901 18	Claims Below Fee Paid	1502	480	2502	240		
Multiple Dependent 290/145	Total Claims 38 -20** = 18 X 18/9 = 324	1503	640	2503	320	Plant issue fee	
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	**or number previously paid, if greater; For Reissues, see above.	1	,		,	(4)	

SUBMITTED BY		(Complete (if applicable))
Name (Print/Type) Scott C. Krieger Registration No. (Attorney/Agent) 42,	768	Telephone (503) 227-5631
Signature	Date	March 11, 2004

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CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail No.:

EL 915418138US

Date of Deposit:

March 11, 2004

I hereby certify that the patent application attached hereto entitled ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH, Sun, et al., inventors, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and is addressed to: MAIL STOP PATENT APPLICATION, The Honorable Commissioner for Patents, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

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